freedom CAR & vehicle technologies program

U.S. Department of Energy

Office of Energy Efficiency and Renewable Energy

HEV Fleet Testing

Advanced Vehicle Testing Activities



2003 Civic Hybrid

VIN # JHMES96663S003864

FreedomCAR

Less dependence
on Foreign oil,
and eventual
transition to an
emissions-free,
petroleum-free
vehicle

Fleet Performance

Description:

This vehicle was operated throughout the State of Arizona by Bank One of Arizona's courier pool. It was operated 24 hours a day, six days a week, transferring documents between branches and a central processing center located in Phoenix on city streets and urban freeways as well in intrastate courier routes, with typical highspeed round trips of 100 to 300 miles.

Major Operations & Maintenance Events:

CVT transmission failed @ 96,802 miles

Cost: \$3,500

Catalytic converter failed @ 97,750 miles

Cost: \$1,124

Operating Cost:

Purchase Cost: \$23,174 (5/02)*

NADA Used Vehicle Price: \$12,350 (4/04)

Sale Price: In operation
Maintenance Cost: \$0.06/mile
Operating Cost: \$0.07/mile
Total Ownership Cost: \$0.23/mile

Operating Performance:

Total miles driven: 104,593 Cumulative MPG: 37.99

* Purchase includes dealer price with options plus taxes. It does not include title, license, registration, extended warranty or delivery fee costs.

Vehicle Specifications

Engine: 4-cylinder, 70 kW @ 5700 rpm

Electric Motor: 10 kW

Battery: Nickel Metal Hydride

Seatbelt Positions: Five

Payload: 882 lbs

Features: Regenerative Braking

CVT Transmission

See HEVAmerica Baseline Performance Fact Sheet for more information.



